

Recombinant Full Length Human GSTP1 Protein, GST-tagged

Cat. No. GSTP1-3367HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GSTP1 full-length ORF (AAH10915, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	210 amino acids
Description	Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq]
Molecular Mass	48.84 kDa
AA Sequence	MPPYTVVYFPVRGRCAALRMLLADQGQSWKEEVTVETWQEGSLKASCLYGQLPE FQDGDLTLYQSNTILRHLGRTLGLYGKDQQAALVDMVNDGVEDLRCKYVSLIYTNY EAGKDDYVKALPGQLKPFETLLSQNQGGKTFIVGDQISFADYNLLDLLLIHEVLAPGC LDAFPLLSAYVGRLSARPKLKAFLASPEYVNLPIGNGKQ

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GSTP1 glutathione S-transferase pi 1 [Homo sapiens]
Official Symbol	GSTP1
Synonyms	GSTP1; glutathione S-transferase pi 1; FAEES3, GST3; glutathione S-transferase P; GSTP; GSTP1-1; GST class-pi; deafness, X-linked 7; fatty acid ethyl ester synthase III; PI; DFN7; GST3; FAEES3;
Gene ID	2950
mRNA Refseq	NM_000852
Protein Refseq	NP_000843
MIM	134660
UniProt ID	P09211

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